



## TECHNICAL SERVICE BULLETIN

### 2.7L EcoBoost - Excessive White Or Blue Smoke From The Exhaust At Start Up After A Cold Soak

19-2188

08 July 2019

**Model:**

<b>Ford</b> 2015-2017 F-150
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**Issue:** Some 2015-2017 F-150 vehicles equipped with a 2.7L EcoBoost engine may exhibit excessive white or blue smoke from the exhaust at start up after a cold soak. This may be due to oil entering the left hand turbocharger turbine housing. To correct the condition, follow the Service Procedure steps to replace the left hand turbocharger oil supply tube with a revised part.

**Action:** Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2015-2017 F-150
- 2.7L EcoBoost engine
- Customer concern of excessive white or blue smoke from the exhaust at start up after a cold soak

**Parts**

Part Number	Description	Quantity
FU7Z-9T516-A	Left Turbocharger Oil Feed Tube	1
FT4Z-6N652-D	Coolant Return Tube O-ring	1
W716383-S437	Turbocharger Mounting Stud	1
W714870-S430	Turbocharger Mounting Nut	1
VC-3-B	Motorcraft® Orange Concentrated Antifreeze/Coolant (All Markets Except Canada)	2
CVC-3-B2	Motorcraft® Orange Concentrated Antifreeze/Coolant (Canada Only)	2

**Warranty Status:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

**Labor Times**

Description	Operation No.	Time
2015-2017 F-150 2.7L EcoBoost: Replace The Left Hand Turbocharger Oil Supply Tube (Do Not Use With Any Other Labor Operations)	192188A	1.6 Hrs.

**Repair/Claim Coding**

Causal Part:	9T516
Condition Code:	42

**Service Procedure**

1. Does the customer concern include oil consumption, drivability symptoms, or any other concern along with

smoke from the exhaust?

(1). Yes - this article does not apply. Refer to the Powertrain Control/Emissions Diagnostic (PC/ED) Manual for normal diagnosis.

(2). No - proceed to Step 2.

**2.** Replace the left hand turbocharger oil supply tube. Refer to Workshop Manual (WSM), Section 303-04E.

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